## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/591188	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 13:47
S2	5	204/415,431-432.ccls. and (bach with dinh).xa.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 13:48
S3	10	("20020121438"   "4280505"   "5298146"   "5650054"   "5830337"   "5865973"   "5932079"   "5980709"   "6193865"   "7166201").PN. OR ("7651597").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/22 13:49
S4	2987	204/412,415,431-432.cds.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 13:50
S5	343	S4 and (mesh\$3 honey\$6 comb\$1)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 13:51
S6	35	S5 and wick\$6	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 13:51
S7	4	("20050110024"   "20050224363"   "6267866"   "6584827").PN. OR ("7790005").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/22 13:53
S8	45	((martin with williamson) (david with o'grady)).in. (ellweger).as.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/22 13:55
S9	2229	204/415,431-432.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 13:57
S10	522	S9 and (compress\$4 press\$4) with electrode\$1	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 13:57
S11	205	S9 and (compress\$4 press\$4) with electrode\$1 with (wick\$4 porous	US- PGPUB;	OR	OFF	2011/11/22 13:58

		membrane\$1)	USPAT; EPO; JPO; DERWENT			
S12	63	S9 and (rectangu\$5 hexagon\$5) with (pore\$1 open\$6 area\$1)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:16
S13	О	S12 and mesh with (porosity density)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:20
S14	1	204/431-432.ccls. and mesh with porosit\$6	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:20
S15	1585	mesh with (hexagonal rectangular honey\$6 comb\$4) near4 (open\$4 area\$1 void\$1 pore\$1)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:21
S16	7	S15 and electrochemical near3 (gas\$3 sensor\$1 detector\$1)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:21
S17	47	mesh with (hexagonal rectangular honey\$6 comb\$4) near4 (open\$4 area\$1 void\$1 pore\$1) with gas\$4	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:23
S18	1035	(hexagonal rectangular honey\$6 comb\$4) near4 (open\$4 area\$1 void\$1 pore\$1) with gas\$4 near3 (diffu\$4 flow\$4)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:24
S19	131	(hexagonal rectangular honey\$6 comb\$4) near4 (open\$4 area\$1 void\$1 pore\$1) with gas\$4 near3 (diffu\$4 flow\$4) with (advan\$4 improv\$4 prevent\$4 inhibi\$5 increas\$4 decreas\$4)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:25
S20	122	(hexagonal rectangular honey\$6 comb\$4) near4 (open\$4 area\$1 void\$1 pore\$1) with gas\$4 near3 (diffu\$4 flow\$4) with (advantag+\$8 improv\$4 prevent\$4 inhibi\$5 increas\$4 decreas\$4)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:25
S21	133	(hexagonal rectangular honey\$6 comb\$4) near4 (open\$4 area\$1 void\$1 pore\$1) with gas\$4 near3 (diffu\$4 flow\$4) with (advantag\$8 improv\$4 prevent\$4 inhibi\$5 increas\$4 decreas\$4)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/22 14:25
S22	2230	204/415,431-432.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/28 15:10
S23	45	S22 and ridg\$5	US- PGPUB;	OR	OFF	2011/11/28 15:10

			USPAT; EPO; JPO; DERWENT			
S24	11	("3429796"   "3767552"   "4775456"   "5338429"   "5667653"   "5702576"   "5830337"   "5906726"   "6176989"   "7060169").PN. OR ("7316768").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/28 15:17
S25	26	("3755125"   "3992267"   "4406770"   "4591414"   "5395507"   "5527446").PN. OR ("5830337").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/28 15:22
S26	7	("4198280"   "4324632"   "4948496"   "5284566"   "5632875"   "5830337"   "6129825").PN. OR ("6579432").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/28 15:24
S27	85	"429"/\$.ccls. and (hexagonal rectangular honeycomb\$5 (honey adj comb\$3)) near3 (support\$4 back\$4 substrate\$4) with electrode\$1	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/29 10:08
S28	89	"429"/\$.ccls. and (hexagonal honeycomb\$5 (honey adj comb\$3)) near3 (aperture\$1 pore\$1 opening\$1)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/29 10:16
S29	2	10/520117	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/29 10:39
S30	4	("20040081878"   "20040121222"   "6265095"   "6492053").PN. OR ("7851104").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/29 10:39
S31	2230	204/415,431-432.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/29 10:48
S32	520	S31 and anode\$1	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/29 10:48
S33	1134	204/431-432.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/29 10:49
S34	229	S33 and anode\$1	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/29 10:49
S35	43	S34 and ptfe	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/29 10:49
S36	9	("20060032742"   "3556305"   "4293399"	US-	OR	OFF	2011/11/29

		"5300299"   "5330860"   "5744241"   "5749942"   "6436257"   "6526805").PN. OR ("7811362").URPN.	PGPUB; USPAT; USOCR			11:03
S37	2	10/918692	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/29 11:04
S38	9	("20010032789"   "20050086998"   "4271474"   "4293399"   "4463593"   "4564359"   "4695361"   "6436257"   "6506296").PN. OR ("7582196").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/29 11:04
S39	53	("2805191"   "3028317"   "3050371"   "3227643"   "3235477"   "3239444"   "3260656"   "3272725"   "3315271"   "3322662"   "3429796"   "3503861"   "3577332"   "3616410"   "3711395"   "3767552"   "3826730"   "3929588"   "4017373"   "4207161"   "4277322"   "4324632"   "4367133"   "4406770"   "4435268").PN. OR ("4695361").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/29 11:08
S40	8	"3711395"	USPAT	OR	OFF	2011/11/30 08:54
S41	1134	204/431-432.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/30 08:57
S42	33	S41 and perforat\$6	USPAT	OR	OFF	2011/11/30 08:57
S43	1	"429"/\$.ccls. and (hexagonal honeycomb\$5 (honey adj comb\$3)) near3 perforat\$5 with gas\$5	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/30 10:47
S44	15	"429"/\$.ccls. and (hexagonal honeycomb\$5 (honey adj comb\$3)) near3 (pore\$1 opening\$1 void\$1 aperture\$1 perforat\$5) with gas\$5	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/30 10:48
S45	627	(hexagonal honeycomb\$5 (honey adj comb\$3)) near3 (pore\$1 opening\$1 void\$1 aperture\$1 perforat\$5) with gas\$5	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/30 10:49
S46	166	(hexagonal honeycomb\$5 (honey adj comb\$3)) near3 (pore\$1 opening\$1 void\$1 aperture\$1 perforat\$5) with gas\$5 near5 (flow\$4 diffus\$4)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/30 10:49
S47	166	(hexagonal honeycomb\$5 (honey adj comb\$3)) near3 (pore\$1 opening\$1 void\$1 aperture\$1 perforat\$5) with gas\$5 near5 (flow\$4 diffus\$4 permeat\$4)	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/30 10:49
S48	1	2004-137919.NRAN.	DERWENT	OR	OFF	2011/11/30 10:52
S49	17	("3886260"   "4323542"   "4350613"   "5047378"   "5082820"   "5137855"   "5431893"   "5577383"   "5601792"	US- PGPUB; USPAT;	OR	OFF	2011/11/30 11:21

		"5628975"   "5928981"   "5948377"   "6037307"   "6667017").PN. OR ("7740819").URPN.	USOCR			
S50		honeywell.as. and (hexagonal honeycomb\$5 (honey adj comb\$3)) near3 perforat\$5 with gas\$5	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/11/30 11:22
S51	21	("4999263"   "5350645"   "5434017"   "5460904"   "5641591"   "5700298"   "5786981").PN. OR ("6410189").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/11/30 13:56
S52	1	"20030170160"	USPAT	OR	OFF	2011/12/05 10:53

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